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EASINGTON RURAL DISTRICT

REPORT
OF THE
MEDICAL OFFICER
OF HEALTH
FOR THE
YEAR ENDING 31st DECEMBER, 1972



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REPORT
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Vice-Chairman:

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Engineer and Surveyor:

R. R. LUMSDEN, Dip.M.Eng.

STAFF

(as at 31st December, 1972)

*Medical Officer of Health and
District Principal School Medical Officer:*

J. W. A. RODGERS, M.B., B.Ch., D.P.H.

Assistant Medical Officers:

G. L. ANDERSON, M.B., B.S.

M. ANDERSON, M.B., B.S. (Mrs.)

School Dental Officers:

M. THOMSON, L.D.S. (Mrs.)

E. I. S. STEWART, L.D.S. (Mrs.)

J. W. COOPE, B.Ch.D.

School Occulists: (Part-time)

J. FRANKENTHAL, L.R.C.P., L.R.C.S., D.O.

C. SHARP, M.D., Ch.B., D.O.

Senior Public Health Inspector:

R. E. V. WARRAND, M.A.P.H.I., M.R.S.H.

Public Health Inspectors:

J. R. DAY, Cert.P.H.I.B., Cert. M. & O. Foods

P. F. JONES, Cert. P.H.I.B., Cert. M. & O. Foods

D. CARRUTHERS, Cert. P.H.I.B., Cert. M. & O. Foods

I. C. WATSON, Cert. M.R.S.A.S., Cert. M. & O. Foods

N. S. MOHON, M.A.P.H.I., Cert. M. & O. Foods

J. K. WALLS, M.A.P.H.I., Cert. M. & O. Foods

J. F. PERKINS, Cert. P.H.I.B., Cert. M. & O. Foods

Public Health Assistant:

J. HARPER

Pupil Public Health Inspectors:

Miss M. BEAUMONT

Mr. R. DIXON

Rodent Officer:

W. MILLS

Rodent Operatives:

G. D. TURNER

G. A. SUTHERLAND

Mortuary Attendant:

J. SCOTT

District Chief Nursing Officer:

MISS A. HOWARTH, S.R.N., S.C.M., Q.N., H.V. Cert.

Health Visitors:

MISS J. BARKER, S.R.N., S.C.M., O.N.C., H.V. Cert.
 MISS M. BEATY, S.R.N., S.C.M., H.V. Cert.
 MRS. A. COXON, S.R.N., S.C.M., H.V. Cert.
 MISS K. A. GARRIGAN, S.R.N., S.C.M., H.V. Cert.
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 MRS. E. F. PENRITH, S.R.N., H.V. Cert.
 MISS A. SIMPSON, S.R.N., S.C.M., Q.N., H.V. Cert.
 MRS. J. TERRINGTON, S.R.N., H.V. Cert.

District Midwives:

MISS E. BEANEY, S.R.N., S.C.M., Q.N.
 MISS M. DALLEN, S.C.M.
 MRS. M. DIXON, S.R.N., S.C.M.
 MRS. M. H. GRUNDY, S.R.N., S.C.M.
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 MRS. F. M. WEST, S.R.N., N.D.N. Cert.
 MRS. M. WILSON, S.E.N., N.D.N. (E) Cert.

School Nurses:

MRS. M. K. BLAKE, S.R.N., R.M.N.
 MRS. V. HARRISON, S.R.N.
 MRS. J. GOODMAN, S.R.N., S.C.M.

Chiropodist:

G. R. RAWLINGS, M.Ch.S., S.R.Ch.

School Dental Surgery Assistants:

MRS. J. MARTIN
 MRS. C. S. SMART
 MISS S. WOOD

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Chief Clerk:

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Senior Clerk:

K. ARMSTRONG

Clerical Assistants:

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EASINGTON RURAL DISTRICT

REPORT

OF THE

Medical Officer of Health

FOR THE

Year Ended 31st December, 1972

Telephone—Easington 270501

EASINGTON,

PETERLEE,

Co. DURHAM,

SR8 3TN

1973.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting to you the Annual Report on the health and sanitary conditions of your district for the year 1972.

The work accomplished during the year is described in the various sections of the report. The section relating to the activities of the inspectorial staff has been compiled by the Senior Public Health Inspector, and a contribution from the Engineer and Surveyor, dealing with housing, sewerage, public cleansing, etc., is also included. This introductory letter summarises briefly the contents of the report as a whole and draws attention to any points of special interest.

VITAL STATISTICS

Under this heading figures or rates are given to enable comparison to be made between the health of the inhabitants of the district over recent years and the health of the country as a whole. They include the birth rate, the general death rate, infant mortality rate and the maternal mortality rate.

BIRTH RATE

The district rate of 15.7 per 1,000 of the population showed a decrease on the figure of 17.2 for 1971. The rate for England and Wales as a whole was 14.8 compared with that of 16.0 for the previous year.

GENERAL DEATH RATE

The general death rate of 11.2 per 1,000 of the estimated resident population was a slight decrease on the 1971 figure of 11.5. The rate for England and Wales was 12.1, as compared with 11.6 the previous year.

INFANT MORTALITY

The rate of 21 per 1,000 live births showed an increase on that of 18 for the previous year. The rate for England and Wales was 17 compared with 18 for 1971. There were 28 deaths in infants under one year and of these 20 occurred in the first four weeks of life, giving a neonatal mortality rate of 15 per 1,000 live births as compared with the 1971 figure of 10. In 11 of these, prematurity was given as a primary cause of death and in one as contributory. The rate for England and Wales in 1972 was 12 as in the previous year.

MATERNAL MORTALITY

There were no maternal deaths in the district during the year. The rate for England and Wales was 0.15 per 1,000 live and still births.

LOCAL ADJUSTED RATES

After taking into account the Registrar General's comparability factors of 1.03 and 1.22 for birth and death rates respectively, the local adjusted rates for this district were 16.2 in the case of births and 13.7 in respect of deaths.

INDIVIDUAL CAUSES OF DEATH

Perusal of the table giving the chief causes of death will show that heart disease still heads the list with 345 deaths, 11 less than in 1971 and representing 36.05% of the total deaths in the district. Cancer was responsible for 166 deaths (17.35%), a decrease of 20 on the figure of 186 the previous year. In third place, bronchitis and pneumonia caused 143 deaths (14.94%) against 108 (10.96%) in 1971. Fourth place in the list is occupied by diseases of the veins and arteries of the brain which caused 137 deaths (14.32%), a decrease of five on the figure of 142 (14.41%) the previous year. These four causes, therefore, accounted for over 82% of the total deaths.

Table 2 gives deaths from cancer in age groups and localisation of the disease.

INFECTIOUS DISEASES

Notifications of these diseases are set out in Table 7, which also gives the final figures after correction. The area generally was quiet throughout the year.

TUBERCULOSIS

The statistics for this disease are shown in the tables and summary of Section III.

Owing to the closure of Leeholme Hospital in the early part of the year and the consequent lack of X-Ray facilities for the Eastern side of the district, arrangements were made by the Newcastle Regional Hospital Board for the Mass X-Ray Unit, to visit a central site in Easington Colliery on Tuesdays each week. This service commenced in March 1972.

Individual and small group X-ray is also available at the General Hospital, Chester Road, Sunderland, the Static Unit, 35 Grange Road, Middlesbrough, and the Mass X-ray Unit, Dryburn Hospital, Durham. Particulars of dates and times for these services may be obtained from the Health Department, Easington.

DELEGATED HEALTH FUNCTIONS

Details of the working of the various services during the year are to be found in Section IV. Particulars relating to the work undertaken at treatment centres and clinics and the activities of the domiciliary midwifery, home nursing and health visiting services

are given. Also included are statistical and general details of vaccination and immunisation, prevention of illness, care and after-care, and chiropody.

SCHOOL HEALTH SERVICE

Details of the working of the School Health Service will be found in Section V.

WATER

Piped water supply in the district was sampled weekly during the year. All 82 samples submitted to bacteriological examination were reported as satisfactory. Further details of the district's water supply are given in Section VI.

LABORATORY FACILITIES

Bacteriological testing of throat swabs, faeces and other human specimens is undertaken by the Director and his staff at the Public Health Laboratory, Havelock Hospital, Sunderland. Weekly samples of ice cream, water and milk and occasional samples of meat and other edible products were submitted during the year. 121 faecal specimens from patients known or suspected to be suffering from dysentery or food poisoning were sent for examination and report and the laboratory also checked 225 specimens in respect of food-handling employees of the Council.

SANITARY CONDITIONS OF THE AREA

Comments and tables to be found in Section VI dealing with the environmental services contain much information of importance and interest. They are contributed by the Senior Public Health Inspector and the Engineer and Surveyor.

STAFF

There were several staff changes during the year. Details of this department's complement at 31st December, 1972, are given in the pages preceding this introductory letter.

CONCLUSION

The vital statistics to be found in the following pages show little variation in the general health of the district's population from the previous year. There was a decrease in the birth rate and an increase in the infant death rate. The general death rate for the district was, however, the lowest since 1968.

I am again grateful to the Chairman of the Health Committee and to the members and officials of the Council for their co-operation. My thanks and appreciation are also due to the entire Health Department staff for their loyal and willing assistance during another active year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant

J. W. A. RODGERS

Medical Officer of Health

SECTION I.

CONDITIONS OF THE AREA

Area (in acres)		34,647
Registrar General's estimate of resident population year, 1972		85,740
Number of Hereditaments on 31st December, 1972 according to the rate books		35,890
Rateable Value (at 1st April, 1973)		£5,181,587
Sum represented by New Penny Rate (1972-73)		£20,100

VITAL STATISTICS

Births :—Live Births.

	Male	Female	Total
Legitimate	643	598	1241
Illegitimate	61	42	103
	704	640	1344

Birth Rate per 1,000 of the estimated resident population		15.7
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Illegitimate Live Births per cent of Total Live Births	8
--	---

Still Births :—

Legitimate	13	4	17
Illegitimate	—	—	—
	13	4	17

Rate per 1,000 live and still births		12
--------------------------------------	---------	----

Total Live and Still Births :—

717	644	1361
-----	-----	------

Infant Mortality :—

Deaths of infants under 1 year :

Legitimate	14	12	26
Illegitimate	1	1	2
	15	13	28

Infant Mortality Rates

Death rate of all infants under one year per 1,000 live births, 21·0.

Death rate of legitimate infants under one year per 1,000 legitimate live births, 21·0.

Death rate of illegitimate infants under one year per 1,000 illegitimate live births, 19·0.

Neonatal Mortality

Deaths of infants under 4 weeks:

		Male	Female	Total
Legitimate	..	10	8	18
Illegitimate	..	1	1	2
		11	9	20

Death rate per 1,000 live births 15·0

Early Neonatal Mortality

Deaths of infants under 1 week :

Legitimate	..	8	8	16
Illegitimate	..	1	1	2
		9	9	18

Death rate per 1,000 live births 13·0

Perinatal Mortality Rate 26·0

Maternal Mortality (including abortion)

Number of deaths Nil.

Rate per 1,000 live and still births Nil.

Maternal Mortality Rate Nil.

Total Deaths (all ages) 527 430 957

Death rate per 1,000 of the estimated resident population 11·2

TABLE 1. DEATHS—CAUSES AND AGES AT DEATH.

	All Ages	Under 4 weeks	4 weeks- under 1 year	1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over
Enteritis and Other Diarrhoeal Diseases ..	1	—	1	—	—	—	—	—	—	—	—	—
Tuberculosis of Respiratory System ..	1	—	—	—	—	—	—	—	—	—	—	1
Late Effects of Respiratory Tuberculosis ..	1	—	—	—	—	—	—	—	—	1	—	—
Other Infective and Parasitic Diseases ..	2	—	1	—	—	—	—	—	—	—	—	1
Malignant Neoplasm—Buccal Cavity etc. ..	2	—	—	—	—	—	—	—	—	—	—	2
Malignant Neoplasm—Oesophagus ..	3	—	—	—	—	—	—	—	1	7	2	—
Malignant Neoplasm—Stomach ..	19	—	—	—	—	—	—	—	2	4	8	9
Malignant Neoplasm—Intestine ..	19	—	—	—	—	—	—	—	2	—	4	—
Malignant Neoplasm, Larynx ..	2	—	—	—	—	—	—	—	1	—	1	—
Malignant Neoplasm—Lung, Bronchus ..	33	—	—	—	—	—	—	—	5	12	8	—
Malignant Neoplasm—Breast ..	18	—	—	—	—	—	—	—	6	5	4	—
Malignant Neoplasm—Uterus ..	8	—	—	—	—	—	—	—	—	3	2	—
Malignant Neoplasm—Prostate ..	3	—	—	—	—	—	—	—	—	—	—	—
Leukaemia ..	13	—	—	—	2	—	1	—	1	—	3	—
Other Malignant Neoplasms ..	46	—	—	—	1	—	2	4	1	14	16	—
Diabetes Mellitus ..	5	—	—	—	—	—	1	—	—	—	1	—
Other Endocrine, etc. Diseases ..	1	—	—	—	—	—	—	—	—	—	—	—
Anaemias ..	1	—	—	—	—	—	—	—	—	—	—	—
Meningitis ..	1	—	—	1	—	—	—	—	—	—	—	—
Multiple Sclerosis ..	1	—	—	—	—	—	—	—	—	—	—	—
Other Diseases of Nervous System, etc. ..	9	—	—	—	—	—	—	1	2	—	—	—
Chronic Rheumatic Heart Disease ..	11	—	—	—	—	—	—	—	1	4	4	—
Hypertensive Disease ..	16	—	—	—	—	—	—	—	—	3	4	—
Ischaemic Heart Disease ..	278	—	—	—	—	—	—	8	25	58	107	9
Other Forms of Heart Disease ..	40	—	—	—	—	—	—	—	1	4	10	25
Cerebrovascular Disease ..	137	—	—	—	—	—	—	—	5	13	47	72
Other Diseases of Circulatory System ..	28	—	—	—	—	—	—	1	1	1	7	18
Influenza ..	4	—	—	—	—	—	—	—	—	—	—	2
Pneumonia ..	67	1	4	—	—	1	—	1	1	8	16	35
Bronchitis and Emphysema ..	76	—	—	—	—	—	—	1	6	16	29	24
Asthma ..	4	—	—	—	—	—	—	—	2	—	1	—
Other Diseases of Respiratory System ..	11	—	—	1	—	—	—	—	1	3	3	2
Peptic Ulcer ..	6	—	—	—	—	—	—	—	3	—	—	—
Intestinal Obstruction and Hernia ..	2	—	—	—	—	—	—	—	—	—	—	—
Cirrhosis of Liver ..	2	—	—	—	—	—	—	—	1	—	1	—
Other Diseases of Digestive System ..	6	—	—	—	—	—	—	1	—	—	2	—
Nephritis and Nephrosis ..	3	—	—	—	—	—	—	—	1	—	—	—
Hyperplasia of Prostate ..	2	—	—	—	—	—	—	—	—	—	—	—
Other Diseases, Genito-Urinary System ..	9	—	—	—	—	—	1	—	—	3	2	—
Diseases of Musculo-Skeletal System ..	5	—	1	—	—	—	—	—	1	—	1	—
Congenital Anomalies ..	9	4	—	1	—	—	—	—	—	—	—	—
Birth Injury, Difficult Labour, etc. ..	7	7	—	—	—	—	—	—	—	—	—	—
Other Causes of Perinatal Mortality ..	8	8	—	—	—	—	—	—	—	—	—	—
Symptoms and Ill Defined Conditions ..	2	—	—	—	—	—	—	—	—	1	—	—
Motor Vehicle Accidents ..	11	—	—	—	1	5	2	—	1	—	—	1
All Other Accidents ..	23	—	—	—	1	3	—	—	2	—	—	1
Suicide and Self-inflicted Injuries ..	1	—	—	—	—	—	1	—	—	—	—	13
TOTALS ..	957	20	8	3	5	9	9	26	74	172	293	338

TABLE 2.

Cancer.

The following table gives the deaths from Cancer, in age groups, and the localisation of the disease.

	Ages in Years					Totals
	1 to 24	25 to 44	45 to 64	65 to 74	75 up	
Lung & Bronchus	—	—	17	8	8	33
Stomach	—	—	9	8	2	19
Breast	—	3	11	4	—	18
Uterus	—	1	3	2	2	8
Other Causes ..	3	8	27	26	24	88
	3	12	67	48	36	166

TABLE 3.

Table of Birth and Death Rates for the past 10 years

Year	General Death Rate	Infant Death Rate	Birth Rate
1963	10.3	28.8	19.7
1964	10.4	24.4	19.1
1965	11.2	21.8	19.2
1966	11.4	22.7	17.9
1967	11.1	28.2	17.7
1968	11.1	26.6	16.9
1969	11.7	21.1	16.5
1970	11.4	20.1	17.5
1971	11.5	18.0	17.2
1972	11.2	21.0	15.7

	General Death Rate	Infant Death Rate	Birth Rate
1972			
England & Wales	12.1	17.0	14.8
Easington Rural District	11.2	21.0	15.7

TABLE 4.
Infant Mortality Rates
(10 years)

Year	Births	Easington R. D. Inf. Mortality Rate	England & Wales Inf. Mortality Rate
1963	1699	28.8	21.1
1964	1637	24.4	20.0
1965	1647	21.8	19.0
1966	1544	22.7	18.9
1967	1524	28.2	18.3
1968	1464	26.6	18.0
1969	1423	21.1	18.0
1970	1492	20.1	18.0
1971	1468	18.0	18.0
1972	1344	21.0	17.0

TABLE 5.
Death Rates (10 years)

Year	Deaths	Easington R. D. Death Rate	England & Wales Death Rate
1963	888	10.3	12.2
1964	890	10.4	11.3
1965	956	11.1	11.5
1966	986	11.4	11.7
1967	956	11.1	11.2
1968	962	11.1	11.9
1969	1005	11.7	11.9
1970	975	11.4	11.7
1971	985	11.5	11.6
1972	957	11.2	12.1

TABLE 6.
Natural Increase of Population

Year	Births	Deaths	Rate of Natural Increase per 1,000 population.
1963	1699	888	9.4
1964	1637	890	8.7
1965	1647	956	8.1
1966	1544	986	6.5
1967	1524	956	6.6
1968	1464	962	5.8
1969	1423	1005	4.9
1970	1492	975	6.1
1971	1468	985	5.7
1972	1344	957	4.5

SUMMARY OF STATISTICS, 1972

Population	..	..	..	..	..	..	85,740
Area (acres)	..	..	..	..	..	..	34,647
Estimated number of Hereditaments					..	..	35,890
Rateable Value (at 1st April, 1973)	..	..	..	..	..	..	£5,181,587
Sum produced by New Penny Rate (1972-73)						..	£20,100
Births	..	..	..	..	..	..	1,344
Birth rate per 1,000 of the estimated resident population							15.7
Deaths	..	..	..	..	..	..	957
Death rate per 1,000 of the estimated resident population							11.2
Death rate of infants under one year of age						..	21.0

CHIEF CAUSES OF DEATH

Cause	Number	Percentage of total deaths
Diseases of the heart	345	36.05
Cancer	166	17.35
Bronchitis and pneumonia	143	14.94
Diseases of the veins and arteries of the brain	137	14.32

INFECTIOUS DISEASES

Diseases	Cases notified
Measles	544
Scarlet Fever	24
Infective Jaundice	17
Tuberculosis (all forms) new cases	13
Food Poisoning	8
Whooping Cough	4
Dysentery	4
Acute Meningitis	1

TABLE 7

SECTION II.

INFECTIOUS AND OTHER NOTIFIABLE DISEASES, 1972

[illegible]

INFECTIOUS DISEASES

The main points of interest in Table 7 can be briefly summarised as follows:—

There were 544 notified cases of measles during the year as against 69 in 1971. Of these, 507 occurred in the first half of the year.

Scarlet fever notifications numbered 24, compared with 14 the previous year.

Of the eight cases of food poisoning notified only two were confirmed by bacteriological examination.

One of the four dysentery cases brought to notice was found to be negative.

There were four notifications of whooping cough, compared with seven in 1971

Notified cases of infective jaundice numbered 17, compared with 22 the previous year.

There was one case of acute meningitis during the year.

SECTION III.

TUBERCULOSIS

TABLE 8.

Number of Cases on Register at 31st December, 1972.

PULMONARY			NON-PULMONARY			TOTAL CASES
Male	Female	Total	Male	Female	Total	
152	103	255	78	65	143	398

TABLE 9.

New Cases and Mortality, 1972

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 5 years	—	—	—	—	—	—	—	—
5 — 14 years	—	1	—	—	—	—	—	—
15 — 24 years	—	—	—	—	—	—	—	—
25 — 44 years	2	2	—	—	—	—	—	—
45 — 64 years	1	—	2	1	—	1	—	—
65 and over	3	—	1	—	1	—	—	—
	6	3	3	1	1	1	—	—

TABLE 10
COMPARATIVE TUBERCULOSIS STATISTICS FOR RECENT YEARS

YEAR	NEW CASES			DEATHS			No. ON REGISTER AT END OF YEAR								
	Pulmonary		Non-Pulmonary	Pulmonary		Non-Pulmonary	Pulmonary		Non-Pulmonary						
	Male Female Total		Male Female Total	Male Female Total		Male Female Total	Male Female Total		Male Female Total						
	Male	Female	Total	Male	Female	Total	Male	Female	Total						
1963	15	12	27	1	3	4	8	1	9	304	258	562	154	143	297
1964	16	6	22	3	1	4	7	1	8	285	245	530	157	144	301
1965	9	7	16	1	3	4	6	1	7	283	241	524	157	146	303
1966	10	5	15	—	3	3	8	2	10	274	230	504	154	147	301
1967	13	10	23	2	—	2	4	5	9	1	—	1	155	147	302
1968	18	5	23	2	2	4	1	1	2	1	—	1	156	148	304
1969	17	3	20	2	1	3	5	1	6	—	—	—	83	67	150
1970	9	6	15	—	1	1	3	—	3	—	—	—	77	65	142
1971	8	4	12	—	—	—	1	—	1	—	—	—	77	65	142
1972	6	3	9	3	1	4	1	1	2	—	—	—	78	65	143

TABLE 11

The following Table shows the number of deaths from Tuberculosis (all ages) during the past five years—the figures in parenthesis indicating deaths occurring in previously notified cases of Tuberculosis.

YEAR	PULMONARY			NON-PULMONARY		
	Male	Female	Total	Male	Female	Total
1968	1 (1)	1 (1)	2 (2)	1 (-)	—	1 (-)
1969	5 (3)	1 (1)	6 (4)	—	—	—
1970	3 (3)	—	3 (3)	—	—	—
1971	1 (1)	—	1 (1)	—	—	—
1972	1 (1)	1 (1)	2 (2)	—	—	—
Totals	11 (9)	3 (3)	14 (12)	1 (-)	—	1 (-)

TUBERCULOSIS

The foregoing tables may be summarised as follows:—

Nine new cases of the respiratory form of the disease were notified during the year, comprising six males and three females. This was a decrease on the figure of 12 for 1971 made up of eight males and four females. There were four new notifications of other forms of tuberculosis during the year, three males and one female

Deaths from the respiratory form numbered two, a male and a female.

There were no deaths from non-respiratory tuberculosis.

The district mortality rate for respiratory tuberculosis was 0.023 per 1,000 of the population, compared with the figure of 0.020 for England and Wales as a whole.

SECTION IV.

NATIONAL HEALTH SERVICE ACT, 1946

DELEGATED HEALTH SERVICES

HEALTH CENTRES:—

The Health Centre at Peterlee continues to operate satisfactorily.

Services available at the Centre are as follows:-

Child Welfare	Weekly
Immunisation and Vaccination	Monthly
Family Planning	Weekly
Chiropody	Weekly
Cervical Cytology	Weekly
School Clinic	Weekly
Dental Surgeries	Daily
Ophthalmic (School Children)	Weekly
Child Guidance	Weekly
Audio Testing	Weekly

CARE OF MOTHERS AND YOUNG CHILDREN

Child Health Centres

The number of Centres in operation remains at 10, eight of which are owned by the Council and two on a rental basis. The number of children attending the Centres continues to increase. Details of attendances over the past two years are as follows:-

	1971	1972
No. on Register	4,442	4,456
No. of Attendances	18,405	17,660
Average attendance per session	24	22

Table 12 gives details.

ANTE-NATAL CLINICS

These Clinics are no longer held in the Child Health Centres due to General Practitioners holding their own Ante-Natal sessions. The District Midwife attached to the practice attends these sessions.

TABLE 12

Attendances at Child Health Centres during year ended 31st December, 1972.

CLINICS	No. of Children on Register on 31.12.72			Attendances						Consultations					
	Children			Number	Average per session	Children			Number			Average per session			
	Under 1 year	Between 1 - 2 years	Between 2 - 5 years	Under 1 year	Between 1 - 2 years	Between 2 - 5 years	Under 1 year	Between 1 - 2 years	Between 2 - 5 years	Under 1 year	Between 1 - 2 years	Between 2 - 5 years			
BLACKHALL	76	63	154	837	152	272	14	3	5	368	113	170	7	2	3
EASINGTON	85	123	270	1394	459	447	14	5	4	531	249	281	5	2	3
HORDEN	141	160	243	1909	516	378	19	5	4	893	307	265	9	3	3
MURTON	121	150	348	1171	289	513	11	3	5	660	233	400	6	2	3
PETERLEE	368	418	433	3574	972	615	43	11	8	1002	376	301	19	7	5
SHOTTON	68	93	211	497	207	333	10	4	7	319	173	246	7	4	5
SOUTH HETTON	37	39	87	358	130	146	7	3	3	185	96	100	4	2	2
THORNLEY	52	59	119	426	154	124	9	3	3	227	101	94	9	4	4
WHEATLEY HILL	66	82	118	585	135	188	12	3	4	297	101	117	12	4	4
WINGATE	56	66	150	483	171	225	10	3	5	213	110	146	9	4	6
TOTALS	1070	1253	2133	11234	3185	3241	14	4	4	4695	1859	2120	8	3	3

MOTHERCRAFT AND RELAXATION CLASSES

Classes continued to be held during the year. Expectant Mothers attended lectures and film shows given by the Health Visitors and Midwives.

Details of attendances are as follows:—

	1971	1972
Mothers attending	100	81
Total attendances	482	442
Average attendance per session ..	7	6

HEALTH VISITOR SESSIONS

Sessions held by the Health Visitor for the screening tests of hearing continued during the year. The total attendances at these sessions was 1064, the average per session being 15.

BIRTH CONTROL

The Family Planning Association operate two Clinics in the district, both at Council premises free of rent. Financial responsibility is accepted by the Council for all consultations and for any cases referred on medical grounds.

OBSERVATION REGISTER AND CONGENITAL DEFECTS

A computer-based register is maintained of all children who, through any factor, show they may have a physical or mental defect and were born on or after 1st January 1972. These children are visited regularly and the computer is up-dated at six monthly intervals until such time as the child is considered satisfactory and the name is removed from the register. During the year a total of 488 children were registered for a variety of reasons, as shown below :—

REASON FOR OBSERVATION	%
Gestation period less than 39 weeks or greater than 41	25.2
Birth order greater than 3	24.9
Congenital malformations	4.4
Birth weight less than 2250 grams	3.2
Anoxia at birth	3.1
Toxaemia in hospital	2.6
One-parent family	2.6
Rh. negative with antibodies	1.1
Other reasons	32.9
	100.0

The "At Risk" register, the predecessor of the "Observation Register" is still maintained for children born prior to 1972, and at the end of the year there were 312 children still being visited because of an "at risk" factor.

Details of all congenital malformations noted in newborn children are reported by hospitals and district midwives to the department. During the year a total of 36 live births and 4 stillbirths were notified.

WELFARE FOODS

Welfare foods are obtainable from 10 Centres throughout the district. The following statement shows the issues during the year with comparative figures for 1971.

	1971	1972
National Dried Milk (Packets) ..	1380	2888
Orange Juice (Bottles) ..	10414	4060
Vitamin Tablets (Packets) ..	659	420
Vitamin Drops (Bottles) ..	1600	2501

DENTAL CARE FOR MOTHERS AND YOUNG CHILDREN

Dental treatment was provided in permanent dental surgeries at the Peterlee, Wingate and Murton Clinics. Table 13 gives details.

CONVALESCENT HOLIDAYS — MOTHERS AND YOUNG CHILDREN

Applications are made by general practitioners and health visitors in respect of mothers who need a period of convalescence. After investigation, these applications are passed to Durham County Council who administer the E.F. Peile Convalescent Home, Shotley Bridge.

During the year 12 mothers, 15 children and 8 babies were admitted to the Home from this district.

TABLE 13
DENTAL TREATMENT PROVIDED DURING 1972

	Peterlee No. 1 Surgery		Peterlee No. 2 Surgery		Murton		Wingate		Total	
	Child 0 - 4	Exp. Mothers	Child 0 - 4	Exp. Mothers	Child 0 - 4	Exp. Mothers	Child 0 - 4	Exp. Mothers	Child 0 - 4	Exp. Mothers
First Visit	9	4	48	3	33	41	21	41	111	89
Subsequent Visits	27	7	40	7	7	80	1	37	75	131
Total Visits	36	11	88	10	40	121	22	78	186	220
No. of additional courses of treatment commenced	3	3	13	—	—	2	—	3	16	8
No. of fillings	16	11	85	9	—	43	—	39	101	102
Teeth filled	16	12	74	8	—	43	—	35	90	98
Teeth extracted	35	5	49	6	36	103	29	34	149	148
General Anaesthetics given	10	—	20	—	32	15	14	9	76	24
Emergency visits by patients	—	1	1	—	5	—	—	—	6	1
Patients X-Rayed	1	1	5	—	—	6	—	3	6	10
Prophylaxis	6	—	1	3	15	22	6	27	28	52
Teeth otherwise conserved	3	—	9	—	—	—	—	—	12	—
Courses of treatment completed	14	1	37	1	27	45	14	40	92	87
Patient supplied with F.U. or F.L.	—	—	—	—	—	7	—	2	—	9
Patient supplied with other dentures	—	—	—	—	—	12	—	7	—	19
No. of dentures supplied	—	—	—	—	—	23	—	12	—	35
First inspections	50	1	61	3	28	23	68	23	207	50
Requiring treatment	17	—	49	3	16	21	16	16	98	40
Offered treatment	17	—	48	3	16	21	16	16	97	40

TABLE 14

Number of premature births (as adjusted by any notifications transferred in or out of the area).

WEIGHT AT BIRTH	PREMATURE LIVE BIRTHS												Premature Still Births	
	Born at Home or in a Nursing Home						Transferred to hospital on or before 28th day							
	Born in hospital			Nursed entirely at home or in a Nursing Home			Died			Died			Born	
	Total Births	Within 24 hrs. of birth	In 1 & under 7 days	In 7 & under 28 days	Total Births	Within 24 hrs. of birth	In 1 & under 7 days	In 7 & under 28 days	Total Births	Within 24 hrs. of birth	In 1 & under 7 days	In 7 & under 28 days		
2 lb. 3 oz. or less	5	4	1	—	—	—	—	—	—	—	—	—	1	—
Over 2 lb. 3 oz. up to and including 3 lb. 4 oz.	6	2	1	—	—	—	—	—	—	—	—	—	7	—
Over 3 lb. 4 oz. up to and including 4 lb. 6 oz.	14	1	1	—	—	—	—	—	—	—	—	—	3	—
Over 4 lb. 6 oz. up to and including 4 lb. 15 oz.	12	—	—	—	—	—	—	—	—	—	—	—	2	—
Over 4 lb. 15 oz. up to and including 5 lb. 8 oz.	36	1	1	—	—	—	—	—	—	2	—	—	1	—
TOTAL	73	8	4	—	—	—	—	—	—	2	—	—	14	—

NURSING, MIDWIFERY, SCHOOL HEALTH AND HEALTH VISITING SERVICES

District Chief Nursing Officer's Report 1972

This year has been one of uncertainty, creating some feeling of insecurity amongst staff, because of the proposed reorganisation of the health services and the changes anticipated for the Easington Rural District.

Since the delegation of services there has been obvious "growing together" of the local health services staff which has been to the benefit of the staff employed, the general public, and also in their economical use. There have always been insufficient numbers to achieve all needing to be done but one hopes that the team spirit will continue beyond April 1974 in the envisaged larger administrative district.

ALLOCATION OF STAFF TO GENERAL PRACTITIONERS

In this respect progress has continued in the better understanding and co-operation between General Practitioners and local authority staff by the allocation of individual staff to general practices. Health visitors particularly have endeavoured to associate themselves with the requirements of the General Practitioner. District nurses have in some instances moved into surgeries for regular treatment sessions; there is, however, scope for much more development of services to the General Practitioner, and the health visitor and district nurse's case-load will allow for this further development.

Midwives have always worked closely with General Practitioners and this team work continues satisfactorily. The Midwife's pattern of work has changed very much in the past five years. The number of domiciliary confinements has decreased to a negligible figure but there is great scope in ante-natal preparation, hospital deliveries, and particularly in social and health educational support to the mother through group and home teaching.

SCHOOL NURSES

School nurses are fulfilling their responsibilities most skilfully and their liaison with health visitors is now excellent.

Health education sessions in schools have increased and it is expected that this important facet of the health visitors work will develop further to meet the particular requirements of the school-child of today.

GERIATRIC CARE

There have been some new developments in geriatric care including a Day Club for handicapped geriatric patients, which has weekly meetings at the Edenhill Community Centre. The W.R.V.S. provide the staff to care for the patients, who are recommended for admission by the Geriatricians of the hospitals. Health visitors supervise, advise, and help with medical care and recreational activities.

With the transfer of geriatric out-patient clinics to the Peterlee Health Centre premises, better understanding between local authority and hospital staff has evolved and patient-care is seen to be a joint responsibility.

PETERLEE HEALTH CLUB

This is an organisation of women of all ages, meeting once weekly under the guidance of the health visitor, at the Peterlee Health Centre. Weight control is the key attraction allied to physical exercise and dietary supervision but also other important health topics are introduced. Attendances per week average 25 to 35 members.

I take this opportunity to thank the staff for their achievements in 1972 and to emphasize there is always more to attempt and accomplish and we must persistently aim to improve the quality of our service for the ultimate benefit of those in need of help.

DOMICILIARY MIDWIFERY

The following number of Midwives gave notice of intention to practice in the Easington Rural District during the year:—

District Midwives	8
District Nurse Midwives	—
Midwives in Hospital	22
Midwives in private practice	—
	—
	30
	—

At the end of the year six full-time and one part-time District Midwives were employed, all were paid car allowances. One District Midwife attended a refresher course.

The following table gives details of work undertaken in 1972:—

TABLE 15
Number of Deliveries attended by Domiciliary Midwives
during the Year

	Dr. not booked		Dr. booked		Total	Discharges from Hospital within 48 hours	Discharges from Hospital before 10th day
	Dr. present	Dr. not present	Dr. present	Dr. not present			
District Mid-wives	1	7	9	126	143	270	909

Midwives requisitioned medical help on 64 occasions during the year and the following statement gives particulars as to the reason for so doing:—

1.	Ante-natal examination – general	..	..	..	..	1
2.	Ante-natal examination – albuminuria	..	..	..	..	1
3.	Threatened miscarriage	..	..	..	..	—
4.	Miscarriage	..	..	..	..	—
5.	Contracted pelvis, disproportion between child and pelvic outlet	..	..	..	..	1
6.	Malpresentation	..	..	..	..	1
7.	Ante-partum hæmorrhage	..	..	..	..	—
8.	Placenta prævia	..	..	..	..	—
9.	Prolonged or delayed labour, uterine inertia	..	..	..	..	14
10.	Post-partum hæmorrhage	..	..	..	..	—
11.	Retained or adherent placenta or membranes	..	..	..	..	—
12.	Ruptured perineum	..	..	..	..	23
13.	Premature birth	..	..	..	..	4
14.	Puerperal Pyrexia	..	..	..	..	1
15.	Other conditions of motherhood	..	..	..	..	8
16.	Inflammation of child's eyes	..	..	..	..	—
17.	Congenital malformation	..	..	..	..	—
18.	Other conditions of baby	..	..	..	..	10
19.	Stillbirth	..	..	..	..	—
20.	Neonatal death	..	..	..	..	—
21.	Other reasons	..	..	..	..	—

In addition to the notifications of sending for medical help, the following notifications were received from midwives:—

Stillbirths	..	..	..	..	—
Death of mother	..	..	..	..	—
Death of child	..	..	..	..	—
Laying out of the dead	..	..	..	..	—
Liability to be a source of infection	..	..	..	..	2

HEALTH VISITING

At the end of the year the Health Visiting staff numbered 13 full-time and one part-time. Twelve of these officers were authorised car users.

During the year two Health Visitors attended refresher courses.

Summary of cases seen by Health Visitors during 1972:—

Children born in 1972	..	..	..	..	1393
Other children under 5 years	..	..	..	..	6610
Persons aged 5—16 years	..	..	..	..	102
Persons aged 17—64 years	..	..	..	..	672
Persons aged 65 years or over	..	..	..	..	3633
Tuberculosis households	..	..	..	..	186
Infectious diseases	..	..	..	..	6
Other cases	..	..	..	..	676
					13278
Discharges from hospital included above					851

Summary of visits made during 1972:—

Children under five years	..	..	..	..	20694
Expectant mothers — Ante-natal	..	..	..	..	512
Tuberculosis patients	..	..	..	..	375
School children	..	..	..	..	529
Persons aged 65 years and over	..	..	..	..	6161
Problem families	..	..	..	..	525
Physically handicapped	..	..	..	..	195
General health	..	..	..	..	1245
Total effective visits	..	..	..	..	30236
Ineffective visits	..	..	..	..	8119
Total	..	..	..	..	38355

TABLE 16
HOME NURSING STATISTICS - 1972

YEAR	STAFF		GENERAL MEDICAL		GENERAL SURGICAL		INFECTIOUS DISEASES		TUBERCULOSIS		MATERNAL COMPLICATIONS		OTHERS		TOTAL	
	Whole-time	Part time	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits
1971	15	—	1656	38552	822	10303	—	—	6	176	15	113	—	—	2499	49144
1972	16	1	1650	37942	880	10191	—	—	6	301	17	102	—	—	2553	48536

TABLE 17

YEAR	Patients included in above table who were 65 or over at the time of the first visit during the year.		Children included in above table who were under 5 at the time of the first visit during the year.		Patients included in above table who had more than 24 visits during the year.	
	Cases	Visits	Cases	Visits	Cases	Visits
1971	1074	28380	125	935	472	33277
1972	1018	26954	128	778	444	29343

HOME NURSING

At the end of the year, 16 full-time and one part-time District Nurses were employed, all of whom were authorised car users. Tables 16 and 17 give details of cases and visits with comparable figures for 1971.

VACCINATION and IMMUNISATION

Diphtheria, Whooping Cough, Tetanus, Poliomyelitis and Measles.

The schedule for vaccination and immunisation of children is as follows:—

Age	Vaccine
4 months	Triple (Diph. Tet. & Whooping Cough) & Polio 1st dose
6 months	Triple (Diph. Tet. & Whooping Cough) & Polio 2nd dose
12 months	Triple (Diph. Tet. & Whooping Cough) & Polio 3rd dose
13 months	Measles
4 years	Diphtheria, Tetanus and Polio Booster dose

Rubella vaccination was carried out in the latter part of the year for girls between their 11th and 14th year.

Computer control in respect of children born on or after 1st January 1972 was introduced during the year. Although the effects will not be seen until next year, the parental consent rate to some form of protection has risen to over 98%

Details of children vaccinated and immunised in the district during the year are given in Tables 18.

TABLE 18

IMMUNISATION AND VACCINATION

COMPLETED COURSES OF IMMUNISATIONS FOR WHICH RECORDS
WERE RECEIVED DURING, 1972

PRIMARY COURSES

Type of vaccine	Year of Birth					Others under age 16	Total
	1972	1971	1970	1969	1965- 1968		
Triple DTP	—	831	185	37	25	1	1079
Diphtheria/ Tetanus	—	—	1	4	12	1	18
Tetanus	—	1	—	—	—	—	1
Sabin	—	831	166	42	154	3	1196
Measles	—	317	227	50	404	294	1292
Rubella	—	—	—	—	—	685	685

REINFORCING DOSES

Triple DTP	—	2	10	3	560	5	580
Diphtheria/ Tetanus	—	—	—	—	512	17	529
Tetanus	—	1	1	2	23	149	176
Sabin	—	5	9	2	1111	9	1136

SMALLPOX VACCINATION

AGE	1 year	2-4 years	5-15 years	TOTAL
No. VACCINATED	18	7	7	32
No. RE-VACCINATED	—	1	5	6

PREVENTION OF ILLNESS, CARE AND AFTER-CARE

B.C.G. VACCINATION

Tuberculin testing and vaccination of all school children aged 11 years and upwards was carried out during the year. Of 871 children tested, 51 were found tuberculin positive. Protection against tuberculosis by B.C.G. vaccination was given to 782 children.

CERVICAL CYTOLOGY

Weekly sessions were held at the Health Centre, Peterlee, during the year, the details are as follows:—

No. of sessions held	..	..	..	..	49
No. of smears taken	..	...	..	..	700
No. of repeat smears	..	..	..	..	526
No. of positive cases	..	..	..	..	—

NURSING EQUIPMENT

A store of nursing equipment is held in the Health Department. Issues are made on the recommendation of a doctor, health visitor, district nurse or social worker. During the year 1399 issues were made compared with 1168 in 1971. Table 19 gives details.

The demand for disposable incontinence pads continued during the year and the number issued was 9,828 compared with 5,532 in 1971.

TABLE 19
NURSING EQUIPMENT LOANED DURING 1972

Article	No.	Article	No.
Air Rings	45	Helping Hands ..	7
Bath Mats	66	Invalid Chairs (Adult)	86
Bath Rails	43	Invalid Chairs (Junior)	13
Bath Seats	36	Mattresses (Sorbo) ..	30
Bed Cages	54	Mecca Lift	1
Bedguard	1	Nelson Knives	3
Bed Pans	92	Patient Lifter	3
Bedrests	94	Plastic Sheets	263
Bedsteads	20	Ripple Bed	1
Bed Tables	2	Rubber Sheeting	5
Chair (Feeding)	1	Sorbo Rings	7
Chair (Self Lift)	1	Toilet Seats (Inflatable)	4
Commodes	164	Toilet Seats (Raised) ..	10
Crutches	20	Toilet Aids	12
Crutches—Elbow	15	Tray (Carrywell)	1
Cushions (Sorbo)	11	Tripod Sticks	54
Eneurisis Sets	10	Urinals	71
Fleecy Pad	1	Walking Aids	92
Fracture Boards	8	Walking Sticks	52

CHIROPODY

During the year only one Chiropodist was employed against an establishment of three. Attempts to fill the vacancies were unsuccessful. However, a regular service was maintained in Clinics throughout the district. During the year a total of 3494 treatments were given compared to 6687 in 1971. Table 20 gives details.

TABLE 20
Chiropody Service

CENTRE						No. of treatments
Horden	..	..	..	..	..	795
Murton	..	..	..	..	..	653
Easington	..	..	..	..	..	421
Peterlee	..	..	..	..	..	608
Thornley	..	..	..	..	..	158
Wingate	..	..	..	..	..	475
Shotton	..	..	..	..	..	210
Wheatley Hill	..	..	..	..	..	174
TOTAL ..					..	3494

SECTION V

SCHOOL HEALTH SERVICE

PERIODIC MEDICAL INSPECTIONS

Medical Inspections are still carried out in the three groups:— Entrants, Ten Plus Age Group and Last Year of Compulsory Education.

Age Group inspected (By Year Birth)	No. of Pupils who have received full medical examinations	Physical Condition of Pupils Inspected		No. of Pupils found not to warrant a medical examination	Pupils found to require treatment (excluding dental diseases and infestation with vermin)		
		Satisfactory	Unsatisfactory		Defective vision (excluding squint)	For any other condition recorded at Part II	Total individual pupils
1	2	3	4	5	6	7	8
1968 and later	6	6	—	—	—	1	1
1967	51	50	1		6	8	13
1966	94	91	3		11	12	19
1965	531	526	5		66	84	134
1964	246	245	1		32	38	62
1963	23	22	1		2	2	3
1962	90	90	—		8	16	20
1961	42	42	—		9	6	12
1960	49	49	—		6	7	11
1959	56	56	—		15	14	22
1958	32	32	—		3	4	5
1957	360	359	1		51	42	80
1956 and earlier	164	161	3		24	29	43
	1744	1729	15		233	263	425

School Medical Officers also made visits to Horden Day School to carry out medical inspections of educationally subnormal pupils and to Easington Day School in order to examine mentally subnormal.

The percentage of children whose physical conditions were found to be unsatisfactory was 0.86% compared with 0.38% in 1971.

The number of children in schools at January 1973 was 17,366 divided as follows:-

	Number	Children on Roll
Nursery	1	49
Primary	46	10,511
Secondary, Grammar, Comprehensive	13	6,636
E.S.N. Day	1	124
Mentally Handicapped	1	46
	62	17,366

DEFECTS FOUND AT MEDICAL INSPECTIONS DURING THE YEAR

Defect or Disease	Periodic Inspections									
	Entrants		Leavers		Others		Total		Specials	
	(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)
Skin	22	5	12	1	18	1	52	7	—	—
Eyes—										
(a) Vision	110	59	75	8	48	21	233	88	—	—
(b) Squint	33	4	19	1	9	3	61	8	—	—
(c) Other	—	1	—	—	—	2	—	3	—	—
Ears—										
(a) Hearing	12	44	3	8	1	6	16	58	—	—
(b) Otitis Media ..	1	8	4	11	—	4	5	23	—	—
(c) Other	6	—	4	1	1	—	11	1	—	—
Nose and Throat ..	21	75	3	2	7	12	31	89	—	—
Speech	2	10	—	—	1	3	3	13	—	—
Lymphatic Glands ..	—	1	—	1	—	1	—	3	—	—
Heart	3	5	—	2	—	—	3	7	—	—
Lungs	7	21	6	—	8	4	21	25	—	—
Development—										
(a) Hernia	1	2	—	—	—	—	1	2	—	—
(b) Other	6	5	—	—	1	—	7	5	—	—
Orthopaedic—										
(a) Posture	—	—	—	—	—	—	—	—	—	—
(b) Feet	11	13	3	2	3	3	17	18	—	—
(c) Other	3	4	6	6	—	2	9	12	—	—
Nervous System ..										
(a) Epilepsy	2	5	1	1	1	2	4	8	—	—
(b) Other	3	4	4	—	—	2	7	6	—	—
Psychological										
(a) Development ..	1	11	—	—	—	4	1	15	—	—
(b) Stability	4	11	1	2	2	5	7	18	—	—
Abdomen	5	7	4	2	1	3	10	12	—	—
Other	15	3	5	—	6	2	26	5	—	—

(T) Number of pupils found to need treatment.

(O) Number of pupils found to need observation.

PERMANENT SCHOOL CLINICS

Clinic	Sessions
PETERLEE Fleming Place	Medical Officer Friday Dental Officer Daily Child Guidance Clinic .. Tuesday (p.m.) Educational Psychologist By arrangement Audiometrician By arrangement Ophthalmologist Friday (a.m.) Building used by Child Health and School Health Services
MURTON 21 Woods Terrace	Medical Officer Alternate Thursdays (a.m.) Dental Officer Wednesday and Friday Educational Psychologist By arrangement Audiometrician By arrangement Building used by Child Health and School Health Services
WINGATE 'Oaklea', Fir Tree,	Medical Officer Alternate Monday (a.m.) Dental Officer Monday Tuesday Thursday Educational Psychologist By arrangement Audiometrician By arrangement Ophthalmologist Wednesday (a.m.) (Recommenced Sept., 1972) Building used by Child Health and School Health Services
WHEATLEY HILL School House Front Street	Medical Officer Alternate Thursday (p.m.) Educational Psychologist By arrangement Building used by Child Health and School Health Services
HORDEN Blackhills Terrace	This clinic was used from 1st January, 1972 until 31st August for audiometric sessions while building extensions were being carried out at Peterlee Health Centre.

The School Clinics continue to be held at fixed times to allow Head Teachers, Nurses, E.W.O.'s etc. to refer children without previous appointments. The majority of children still attend the school clinics by appointment. College Entrants and Superannuation and Sick Pay examinations are also carried out during the routine clinic times.

NURSING AND HEALTH VISITOR SERVICES

The School Nurses carried out the majority of the cleanliness inspections with some help from the health visitors. 748 visits were made to schools, 35,323 inspections were carried out and 1,353 individual pupils were found to be infested. Following these inspections, 2,793 follow-up visits were made to the children's homes.

School nurses also made 93 follow-up visits to the homes of those children who had been discharged from hospitals. They also carried out visits following complaints by Head Teachers, Education Welfare Officers, etc. and carried out a large number of foot inspections both in home and schools.

They were in attendance at medical inspections in schools, at vaccination and immunisation sessions and all school clinics including audiometric and vision clinics. The nurses also examined children placed in residential schools while at home during holidays and in certain cases, escorted these children to and from their schools. The school nurses were also called upon to attend accidents in schools.

OTHER FACILITIES FOR MEDICAL TREATMENT

VISION TESTING

Weekly sessions continued to be held at Peterlee Clinic by Mr. J. Frankenthal, Consultant Ophthalmologist. Weekly sessions were recommenced at Wingate Clinic in September when Mr. Sharpe, Consultant Ophthalmologist returned to duty.

During the year, 492 appointments were offered, 376 children were tested and spectacles were prescribed in 189 cases.

33 children who required orthoptic treatment were referred either to Sunderland Eye Infirmary or Caroline Street Clinic at Hartlepool.

The School Nurses continued to test children's vision in schools prior to school medical inspections.

AUDIOMETRIC TESTING

The Audiometrician continued to visit Infant and Junior schools in order to carry out a sweep test of hearing and 46 schools were visited during the year. 3,911 children were tested and of these 276 i.e. 7.06% failed testing compared with 8.00% in 1971. The children who failed testing were then referred to audiometric clinics for further examination. In addition all children with speech problems or for examination as possibly educationally sub-normal were also tested for possible hearing loss.

**Analysis of Cases examined at the School Clinics during
the year 1972**

Defect or Disease					No. of cases	No. Exam.
1.	Cleanliness	..	..	..	—	—
2.	Infestation – Head	..	..		12	14
	Body	..	..		—	—
3.	Teeth	..	..	..	—	—
4.	Skin (a)	Ringworm of Scalp	..		—	—
	(b)	Ringworm of Body	..		—	—
	(c)	Other	..	..	13	19
5.	Eyes (a)	Vision	..	..	32	39
	(b)	Squint	..	..	2	2
	(c)	Other	..	..	4	4
6.	Ears (a)	Hearing	..	..	568	1082
	(b)	Otitis Media—R	..		2	2
		—L	..		—	—
	(c)	Other	..	..	1	1
7.	Nose and throat	..	..	..	5	7
8.	Speech	..	..	..	6	6
9.	Lymphatic Glands	..	..	..	—	—
10.	Heart and Circulation	..	..	..	2	2
11.	Lungs	..	..	..	11	15
12.	Development(a)	Hernia	..	..	—	—
	(b)	Other	..	..	1	2
13.	Orthopaedic (a)	Posture..	..		1	1
	(b)	Feet	..	..	4	4
	(c)	Other	..	..	6	6
14.	Nervous System (a)	Epilepsy	..		2	2
	(b)	Other	..		9	13
15.	Psychological (a)	Development	..		10	12
	(b)	Stability	..		50	135
16.	Abdomen	..	..	..	3	6
17.	General Debility	..	..	..	14	28
18.	Other Defects	..	..	..	23	25
19.	No appreciable Defect or Disease				1	1
TOTALS					782	1,428

1,373 appointments for audiometric tests were arranged at school clinics throughout the area during the year and the results were as follows:-

Recommended for P.H.U.	Referred to G.P.	For Further Observation	Appointments not kept	No Further Action
2	77	714	297	283

These figures include 28 appointments made for pre-school children.

HEARING AIDS

Children with hearing aids are also seen at intervals by the School Medical Officers together with Mr. L. C. Smith, County Organiser for Deaf and Blind Education. Reports are also received from Head Teachers and Peripatetic Teachers of the Deaf. The children are examined at clinics to ensure that each is receiving the maximum benefit from the hearing aid.

At the end of 1972, 18 children were wearing hearing aids. 11 of these were attending ordinary schools, 6 attending Partially Hearing Units and 1 attending residential school for the Deaf. In addition children under school age referred by the Chief Nursing Officer as having hearing defects are also seen at these joint clinics.

CHILD GUIDANCE CLINIC

Dr. E. Bruce, Assistant Psychiatrist, continued to hold sessions at Peterlee Clinic on Tuesday afternoons.

During the year, there were 122 attendances by 42 children. Of these, 14 were carried forward from 1971 and 28 were new cases. At the end of the year there were still 16 new cases waiting to be seen.

A large number of the cases are referred by the Educational Psychologist, District Education Officer as school refusals and by family doctors. Only a small percentage of the children seen at the clinics need referring to the District Education Officer for placement in special residential schools, mainly maladjusted schools. The majority of the problems are sorted out between the doctor, parents and child at the clinic.

Physically and mentally handicapped children are ascertained either at clinics or where necessary at home.

The following figures show the distribution of handicapped children in the various categories at the end of the year.

Blind	..	..	..	..	..	..	..	5
Partially sighted	..	..	..	..	..	..	..	6
Deaf	..	..	..	..	..	..	..	5
Partially hearing	..	..	..	..	..	..	..	12
Physically Handicapped	..	..	..	..	..	..	..	23
Delicate	..	..	..	..	..	..	..	11
Epileptic	..	..	..	..	..	..	..	—
E.S.N.	..	..	..	..	..	..	..	143
Maladjusted	..	..	..	..	..	..	..	14
Mentally Handicapped Children	..	..	..	..	..	..	..	47

The above figures include pupils who have been recommended for Special Schools but who at the end of the year were still attending ordinary schools or were pre-school children.

In all 48 children are attending special schools. (Apart from E.S.N. and Mentally Handicapped).

(a) *Blind*

Three pupils were attending residential schools for the blind at the end of the year. One boy left such a school during the year. Two children were examined during the year and recommended for admission to residential schools for the blind.

Partially Sighted

There were no new admissions or discharges from the Day School and therefore at the end of the year six pupils were attending the Day School for the Partially Sighted.

(b) *Deaf*

During the year, one boy was admitted to the Northern Counties School for Deaf, one girl transferred into the area from Yorkshire and continued to attend the Yorkshire School for Deaf while two boys attending Northern Counties transferred out of the area. One girl recommended for admission to Northern Counties was still awaiting placement at the end of the year. At the end of the year there were four pupils attending residential schools for the Deaf.

Partially Hearing

Three pupils were admitted to Langley Moor Partially Hearing Unit and one pupil left on reaching school leaving age making a total of twelve pupils attending Partially Hearing Units at the end of the year.

(c) *Physically Handicapped Pupils*

Three pupils were attending Residential schools at the end of the year, three were attending Thornhill Day School, six were receiving home tuition and seven were receiving special transport to school. At the end of the year, two pupils were awaiting placement in Physically Handicapped Schools and two were waiting to receive special transport.

(d) *Delicate Pupils*

During the year, one pupil was admitted to Residential School and two pupils left making a total of three pupils in Residential Schools at the end of the year. One pupil was admitted to the Day School for Delicate making a total of four in the Day School at the end of the year. One pupil was awaiting placement in a residential school for Delicate at the end of the year, two pupils were receiving home tuition and one was receiving special transport to an ordinary school.

(e) *Educationally Sub-normal Pupils*

Three pupils were admitted to E.S.N. Residential Schools and four pupils left making a total of 18 pupils attending residential schools at the end of the year. During the year twelve pupils were admitted to the E.S.N. Day School at Horden and nineteen left making a total of 116 in Horden Dene View School at the end of the year, 3 of these live outside the Easington Rural District Area. At the end of the year, there was one pupil awaiting placement in a Residential School for E.S.N. and eight awaiting placement at Horden Dene View School.

(f) *Mentally Handicapped*

During the year, five pupils were admitted to the Easington Day School for Mentally Handicapped and six left making a total of 43 pupils attending at the end of the year. Four pupils were still awaiting placement at the end of the year.

(g) *Maladjusted Pupils*

During the year, four boys and two girls were admitted to Residential Schools for the Maladjusted whilst three boys and two girls left such schools. At the end of the year, there were eight boys and two girls attending residential Maladjusted schools, three boys and one girl were still awaiting placement.

MISCELLANEOUS MEDICAL EXAMINATIONS

(Figures in brackets relate to 1971)

College Entrants and Intending Teachers	103 (98)
Superannuation and Sick Pay Cases	84 (69)
Part-time employment while still attending school ..	1 (4)
Free School Milk	1 (3)

VACCINATION AND IMMUNISATION

During the year a total of 42 schools were visited by the School Medical Officer and staff in order to carry out Poliomyelitis and Diphtheria Tetanus vaccination. 72 full courses of polio and 127 polio boosters were given. In a further offer to new entrants, 109 diphtheria tetanus boosters were given.

The number immunised by the School Medical Officers is gradually decreasing as more children are now being treated before starting school.

B.C.G. vaccination of pupils in secondary modern schools and a course of Rubella to all fourteen year old girls was again carried out by the Medical Officer of Health and his staff.

DENTAL SERVICES

Four dental surgeries are still in operation, although only one surgery at Peterlee Clinic is working full time. Mr. J. W. Coope who is studying for higher qualifications now works only 6 sessions per week, and there were no applications from dental officers to work the four vacant sessions. Dr. H. G. Saunders continues to administer general anaesthetics at Peterlee and Wingate clinics, and he has been joined by Dr. W. T. Fothergill who administers General Anaesthetics at Peterlee and Murton. Both are consultant anaesthetists. Mr. D. A. Dixon, Consultant Orthodontist, continues to attend Peterlee Clinic monthly. We are once again most grateful for the helpful assistance given by the consultants and staff of the Dental Unit, Sunderland General Hospital, to whom patients are referred for oral surgery and advanced orthodontics.

ATTENDANCES AND TREATMENT

	Ages 5 to 9	Ages 10 to 14	Ages 15 and over	Total
First Visit	1,506	1,565	303	3,374
Subsequent Visits	1,609	2,776	396	4,781
Total Visits	3,115	4,341	699	8,155
Additional courses of treatment commenced ..	128	144	20	292
Fillings in permanent teeth	1,768	3,761	1,010	6,539
Fillings in deciduous teeth	1,449	43	—	1,492
Permanent Teeth filled ..	1,367	3,178	916	5,461
Deciduous teeth filled ..	1,251	37	—	1,288
Permanent teeth extracted	139	608	115	862
Deciduous teeth extracted	2,322	845	—	3,167
General anaesthetics ..	576	269	19	864
Emergencies	28	22	3	53
Number of pupils x-rayed			388	
Prophylaxis			336	
Teeth otherwise conserved			166	
Number of teeth root filled			21	
Inlays			—	
Crowns			17	
Courses			3,134	

ORTHODONTICS

Cases remaining from previous year ..	76
New cases commenced during year ..	207
Cases completed during year ..	124
Cases discontinued during year ..	34
No. of removable appliances fitted ..	233
No. of fixed appliances fitted ..	4
Pupils referred to Hospital Consultant	31

PROSTHETICS

	5 to 9	10 to 14	15+	Total
Pupils supplied with F.U. or F.L. (first time) ..	—	1	—	1
Pupils supplied with other dentures (first time) ..	—	3	6	9
Number of dentures supplied	1	8	7	16

ANAESTHETICS

General Anaesthetics administered by Dental Officers	Nil
--	-----

INSPECTIONS

(a) First inspection at school. Number of Pupils ..	7,528
(b) First inspection at clinic. Number of Pupils ..	1,142
Number of (a) + (b) found to require treatment	3,719
Number of (a) + (b) offered treatment ..	3,673
(c) Pupils re-inspected at school or clinic	1,077
Number of (c) found to require treatment ..	438

SESSIONS

Sessions devoted to treatment ..	1,090
Sessions devoted to inspection ..	52
Sessions devoted to Dental Health Education	2

SECTION VI

SANITARY CIRCUMSTANCES OF THE AREA

REPORT OF THE SENIOR PUBLIC HEALTH INSPECTOR

To the Medical Officer of Health

Sir,

I have pleasure in submitting a report of the work undertaken by the Inspectors of this Department during the year 1972.

Part of the work undertaken by the Inspectors has been put in table form and, as will be seen, the many aspects of environmental hygiene have been well covered.

Again much time has been given to food and meat hygiene and inspection, whilst on the Housing side, not only was time given to Clearance of houses, but also to the greater number of Standard Grant applications, as had been hoped and the addition of visits for qualification certificates.

I am once again grateful for the assistance of my colleagues and the co-operation of the Chief Officers.

I am Sir,

Your obedient Servant,

R. E. V. WARRAND

Senior Public Health Inspector.

WATER SUPPLY

The statutory water undertaking is Sunderland & South Shields Water Company, and water which is supplied to all parts of the rural district, is adequate in quantity.

Eighty-seven samples of mains water were taken from consumers' premises and submitted for bacteriological examination at the Public Health Laboratory, Sunderland. All were reported as satisfactory.

Thirteen samples were taken from ornamental lakes in the area. High bacterial counts were reported to the persons in control and the necessary steps taken to safeguard the public. Four samples were taken from the school swimming pools and one from a local stream.

A typical analysis of a mains supply is as follows:-

CHEMICAL ANALYSIS	EXPRESSED IN PARTS PER MILLION
Dissolved Oxygen	—
Free CO ₂	—
Alkalinity (CaCO ₃)	167·0
Chlorides (Cl)	44·0
Amoniacal Nitrogen	0·016
Albuminoid Nitrogen	—
Nitrite as Nitrogen	nil
Nitrate as Nitrogen	0·4
Oxygen Absorbed (3 hrs. at 37°C.)	0·5
Temporary Hardness	167·0
Permanent Hardness	80·0
Total Hardness	247·0
Total Solids (dried at 180°C.)	380·0
Suspended Solids (dried at 105°C.)	nil
Calcium (Ca)	55·0
Magnesium (Mg)	26·0
Aluminium (Al)	—
Iron (Fe)	0·11
Manganese (Mn)	nil
Carbonate (CO ₃)	100·0
Sulphate (SO ₄)	104·0
Silica (SiO ₂)	4·0
Residual Chlorine	< 0·1
Fluoride as F	0·3

The above analysis relates to the water supplied from New Winning Pumping Station, and although of a temporary hard nature is satisfactory in quality.

Particulars of the number of dwelling houses and the number of the population supplied from public water mains (a) direct to houses (b) by means of standpipes are given in the following table:—

LOCALITY	1	2	3	4	5
	Estimated population	Area in acres	Number of houses and other premises with dwelling ac'm'dat'n	No. of Houses with mains supply direct to houses	No. of Houses with mains supply from stand-pipes
Burdon ..	67	1280	27		
Seaton with Slingley ..	432	1392	191	226	—
Warden Law ..	14	500	8		
Castle Eden ..	354	1546	168	168	—
Cold Hesledon ..	798	1150	304		
Dalton-le-Dale ..	628	691	258	562	—
Easington ..	8843	3709	3171	3171	—
Haswell ..	2102				
South Hetton ..	2681	3767	1735	1735	—
Hutton Henry ..	315				
Station Town ..	1794	2012	802	802	—
Hawthorn ..	262	1413	126	126	—
Blackhall ..	5849				
Hesledens ..	1059	2654	2507	2507	—
Murton East ..	8099	1406	3044	3044	—
Sheraton with Hulam ..	80	2346	41		
Nesbitt ..	7	333	3	44	—
Shotton ..	5032	1421	1759	1759	—
Horden ..	10925	1302	3681	3681	—
Peterlee ..	22855	2007	7427	7427	—
Thornley ..	3712	1148	1356	1356	—
Wingate ..	3233				
Wheatley Hill ..	5088	4570	3706	3706	—
Trimdon ..	1511				
TOTALS ..	85740	34647	30314	30314	—

The following table shows the principal nuisances and defects dealt with during the year under the Public Health and Housing Acts:—

	No. of inspections	No. of Informal Notices served	No. of Statutory Notices served	Defects remedied after Notice
Housing:				
Public Health and Housing Acts ..	7879	573	35	589
Overcrowding ..	38	—	—	—
Sanitary Conveniences:				
Insufficient	—	—	—	—
Defective	174	78	—	76
Drainage	353	89	2	75
Water Supply	108	1	—	6
Food Premises	2702	65	—	40
O.S. & R.P. Act	242	11	—	4
Dairies	116	—	—	—
Slaughterhouses:				
Public	—	—	—	—
Private	1575	—	—	—
Tents, Vans, etc. ..	54	6	—	5
Offensive Trades ..	—	—	—	—
Factories & Workplaces	185	23	1	16
Keeping of Animals ..	45	11	—	6
Insanitary Ashpits and Receptacles	42	7	—	6
Offensive accumulations	272	86	—	74
Smoke Nuisances & Clean Air	811	—	—	—
Prevention of Damage by Pests Act, 1949 ..	1158	1	—	1
TOTALS ..	15754	951	38	898

CLEAN AIR ACT, 1956-70

811 visits were made, 15 after complaints of smoke nuisance and 796 in connection with the proposed Smoke Control Area of Peterlee. Plans submitted to the Engineer & Surveyor were vetted for correct chimney heights, the type of furnaces, etc., and approved after consultation with the contractors.

CARAVAN SITES & CONTROL OF DEVELOPMENT ACT, 1960

There are 112 caravans on the three licensed sites.

The local authority site houses approximately 1300 caravans during the summer months.

All sites are subject to frequent inspections.

VERMINOUS PREMISES

One Council house and four private houses were disinfested of bed bugs. Accounts were rendered in the case of all privately owned dwellings to cover the cost of time and materials used.

In 151 cases of infestation of house property by cockroaches, etc., advice and active assistance were given.

INFECTIOUS DISEASE INVESTIGATION

266 visits to households were made during the year in respect of infectious diseases. Disinfection was carried out where necessary and in the case of Sonne dysentery, paratyphoid fever and food poisoning approximately 121 faecal specimens were taken for bacteriological examination. Newly appointed school meals attendants were checked against the possibility of bowel infection, and 225 specimens were submitted to the laboratory.

LICENSED PREMISES, CLUBS, ETC.

94 inspections were carried out at licensed premises and clubs.

CINEMAS AND PUBLIC HALLS

13 inspections were made in respect of heating, lighting, ventilation and sanitary accommodation. One informal notice was served and complied with.

ANIMAL BOARDING ESTABLISHMENTS

49 visits were made to the premises licensed in the area. Eleven informal notices were served and complied with.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

257 visits were made by the inspectors to registered premises. 9 premises were registered during the year, making a total of 644.

The following table gives an analysis of contraventions:-

Offices, Shops & Railway Premises Act, 1963
(A) REGISTRATIONS AND GENERAL INSPECTIONS

Class of Premises	Number of premises registered during the year	Number of registered premises at end of year	No. of registered premises receiving a general inspection during the year
Offices	3	171	64
Retail Shops ..	6	404	111
Wholesale shops, Warehouses ..	—	9	9
Catering establishments open to the public, canteens	—	59	57
Fuel storage depots ..	—	1	1
TOTALS ..	9	644	242

TOTAL NUMBER OF VISITS OF ALL KINDS BY INSPECTORS TO REGISTERED PREMISES UNDER THE ACT—242

(B) ANALYSIS OF CONTRAVENTIONS

Sec.	No. of Contraventions found			Sec.	No. of Contraventions found		
4	Cleanliness	—		13	Sitting facilities	—	
5	Overcrowding	—		14	Seats (Sedentary Workers)	—	
6	Temperature	—		15	Eating facilities	—	
7	Ventilation	—		16	Floors, passages & stairs	—	
8	Lighting	—		17	Fencing exposed parts machinery	—	
9	Sanitary conveniences ..	—		18	Protection of young persons from dangerous machinery	—	
10	Washing facilities ..	—		19	Training of young persons working at dangerous machinery	—	
11	Supply of drinking water	—		23	Prohibition of heavy work	—	
12	Clothing accommodation	—		24	First aid	—	
				Other matters			—
				TOTAL			—

15 non-fatal accidents were reported.

RODENT CONTROL

Two sewer maintenance treatments were carried out during the financial year at six-monthly intervals. The following particulars show that of the 355 manholes baited, 82 gave evidence of rat infestation:—

No. of Manholes Baited		355
No. of Manholes Baited showing part takes of poison bait		82
No. of Manholes Baited showing complete takes of poison bait		26

During the year inspection of 611 non-agricultural properties revealed rat infestation in 355 instances and mice infestation in 194. Of the 37 agricultural properties inspected, 7 were treated for rat infestation and 4 for mice.

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD
ANNUAL REPORT ON RATS AND MICE

Prevention of damage by Pests Act, 1949

YEAR ENDED 31st DECEMBER, 1972

EASINGTON RURAL DISTRICT COUNCIL

**PROPERTIES
OTHER THAN SEWERS**

1. Number of properties in district
2. a Total number of properties (including nearby premises) inspected following notification
- b Number infested by (i) Rats
- Number infested by (ii) Mice
3. a Total number of properties inspected for rats and/or mice for reasons other than notification
- b Number infested by (i) Rats
- Number infested by (ii) Mice

TYPE OF PROPERTY	
NON-AGRICULTURAL	AGRICULTURAL
35181	301
611	4
355	4
194	4
128	37
107	7
15	4

SEWERS

4. Were any sewers infested by rats during the year? (Tick as appropriate)

YES ✓	NO
1	0

HOUSING

The number of inspections of Council houses was 209. Colliery property in some villages, however, is still inspected.

38 visits were made in respect of overcrowding conditions and the facts reported to the persons concerned.

INSPECTIONS AND NOTICES UNDER THE HOUSING ACTS, 1957-69.

Number of visits and re-visits	4435
Number of informal notices served ..	38
Number of formal notices served ..	18
Number of notices complied with ..	65

FACTORIES ACT, 1961

During the year 185 inspections of premises subject to the provisions of the above Act were made, principally in connection with sanitary accommodation, and in those factories where mechanical power is not employed to ensure adequate lighting, ventilation, heating, general cleanliness and prevention of overcrowding in workrooms.

23 informal notices to remedy defects were served, with 16 satisfactory results up to press.

FACTORIES ACT 1961

PART I OF THE ACT.

1.—INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors)

FACTORIES ACT 1961					
PART I OF THE ACT.					
1.—INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors)					
Premises (1)	Number on Register (2)	Number of			
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	31	79	7	—	
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	137	87	3	—	
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ..	14	25	13	—	
TOTAL	182	191	23	—	

2.—Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found				Number of prosecutions were instituted (6)
	Found (2)	Remedied (3)	To H.M. Inspector (4)	Referred By H.M. Inspector (5)	
Want of cleanliness (S.1)	11	11	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable temperature (S.3) ..	2	2	—	—	—
Inadequate ventilation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6) ..	—	—	—	—	—
Sanitary Conveniences (S.7)	—	—	—	—	—
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective ..	11	10	—	5	—
(c) Not separate for sexes	1	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—	—
TOTAL	25	23	—	5	—

PART VIII OF THE ACT

OUTWORK

(Sections 133 and 134)

Nature of Work (1)	Section 133			Section 134		
	No. of out-workers in August list required by Section 133 (1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
Carding, etc. of buttons, etc.	14	—	—	—	—	—

SUPERVISION OF FOOD SUPPLIES

INSPECTION OF MEAT AND OTHER FOODS

MEAT

The number of licensed private slaughterhouses was six and a good standard was maintained at each of the premises.

Perusal of the following tables will show that 19,112 animals have been slaughtered, all of which were inspected, and that 667 stones of meat and edible offal were condemned and suitably disposed of.

No difficulties were experienced in maintaining 100% meat inspection. Charges for inspection of carcasses passed for human consumption are still being made. A total of £1,380 was received for this service during the year.

OTHER FOODS

The inspectors of the department have continued to issue condemnation certificates in support of trader's claims against suppliers. These certificates are normally accepted without question by the suppliers.

During the year 153 stones of other foods were condemned, a decrease of 54 stones on the figure of 207 for the year 1971.

POULTRY

There are no poultry processing premises within the district. Poultry is, however, inspected during routine visits to shops.

	Cattle excluding Cows	Cows	Calves	Sheep	Pigs
Number Slaughtered	4719	356	1	10355	3681
Whole Carcases condemned (T.B. only) .. .	—	—	—	—	—
Carcases of which some part or organ condemned (T.B. only)		—	—	—	4
Percentage of number inspected affected with T.B.		—	—	—	.1%
Carcases condemned (All diseases and conditions excluding T.B.)	1	1	1	11	10
Carcases of which some part or organ condemned. (All diseases and conditions excluding T.B.)		323	—	381	152
Percentage of number inspected affected with disease or condition other than T.B.		6.4%	100%	1.5%	4.4%

Provisions, Fish, etc. Condemned as being unfit for Human Consumption during the year 1972

Cause of Unfitness	Provisions, Loose	Tinned/Bottled Foods	Fish & Fish Products
Decomposition	Bacon 1 9 Butter 3 5 Cooked Chicken 9½ 11 Ducklings 4 11 Sundries 31 13	11 Tins Fish Products 5½ 689 Tins Fruit 41 199 Tins Meat Products 26 158 Tins Milk 9 633 Tins Vegetables 32 3 Jars Preserves 4	Cod 1 7 Smoked Fish 1 7

Total weight of Meat and Edible Offal condemned	667 sts. 8 lbs.
Total weight of Tinned Foods, etc. condemned	153 sts. 12 lbs.
Total Weight ..	<u>821 sts. 6 lbs.</u>

= 5 Tons 2 cwts. 5 st. 6 lbs.

Year ending 31st December	Weight of Meat and Other Foods Condemned			
	tons	cwts.	sts.	lbs.
1963	14	13	7	9 $\frac{1}{4}$
1964	16	12	2	9
1965	11	3	5	6 $\frac{3}{4}$
1966	14	16	2	11 $\frac{3}{4}$
1967	16	13	0	1 $\frac{3}{4}$
1968	16	2	1	10 $\frac{3}{4}$
1969	13	14	1	7 $\frac{3}{4}$
1970	7	16	4	10 $\frac{3}{4}$
1971	5	7	4	13 $\frac{3}{4}$
1972	5	2	5	6

PUBLIC HEALTH (MEAT) REGULATIONS

In general the conveyances used for the transport of meat to the retail premises in the district were kept clean and well maintained. On two occasions a reminder was given on the absence or condition of the protective clothing.

SLAUGHTER OF ANIMALS ACT, 1958

All animals were stunned and slaughtered by competent licensed slaughtermen and all precautions taken to prevent any unnecessary suffering by the animals.

The number of licences issued during the year to persons authorising them to slaughter animals in a slaughterhouse or knackery yard was six. This figure included one new license issued during the year.

FOOD AND DRUGS ACT, 1955

In the rural district regular inspections continued to be made of all premises where food is prepared, stored, handled or sold.

Appropriate action has been taken under the Food Hygiene Regulations of the Act requiring occupiers of food premises to conform to the standards laid down. 88 notices were served and complied with.

FOOD HYGIENE (GENERAL) REGULATIONS, 1970.

The number and types of food premises in the district are as follows:—

Category							No. of Premises
Bakeries	..	..	..	..	..	..	17
Bakers' Shops	..	..	..	..	..	..	34
Butchers	..	..	..	..	..	..	44
Brewery	..	..	..	..	..	..	1
Cafes	..	..	..	..	..	..	10
Chemists	..	..	..	..	..	..	23
Dairies	..	..	..	..	..	..	3
Factory Canteens	..	..	..	..	..	..	40
Food Factories	..	..	..	..	..	..	7
Fried Fish Shops	..	..	..	..	..	..	38
General Dealers	..	..	..	..	..	..	118
Greengrocers	..	..	..	..	..	..	27
Grocers (including supermarkets)	..	..	..	..	..	..	82
Hotels & Public Houses	..	..	..	..	..	..	59
Licensed Clubs	..	..	..	..	..	..	50
Off Licence Shops	..	..	..	..	..	..	7
School Kitchens	..	..	..	..	..	..	33
Snack Bars	..	..	..	..	..	..	12
Sweet Shops	..	..	..	..	..	..	31
Wet Fish Shops	..	..	..	..	..	..	10
Wholesale Premises	..	..	..	..	..	..	3
TOTAL							649

N.B. Where two or more types of trade are carried on in the same building, only the major business is included in the above table.

Ice-cream samples numbering 72 were submitted to the Public Health Laboratory, Sunderland for bacteriological examination. The villages at which the samples were collected and their grading are shown in table form. All ice-cream samples attaining grades one and two are regarded as satisfactory. The high standard in the district is still being maintained.

Year	No. of samples taken	No. satisfactory	Percentage satisfactory
1966	98	96	98 %
1967	94	84	85 %
1968	99	92	93 %
1969	88	82	93 %
1970	93	88	94 %
1971	85	75	88 %
1972	72	60	83 %

(All samples submitted to Methylene Blue Reduction Test)

ICE CREAM SAMPLING—YEAR 1972.

District	Methylene Blue							
	Grades							
	1	%	2	%	3	%	4	%
Blackhall Rocks ..	2	100.0	—	—	—	—	—	—
Crimdon ..	1	100.0	—	—	—	—	—	—
Easington Colliery	8	88.8	1	11.2	—	—	—	—
Horden ..	10	58.8	1	5.9	1	5.9	5	29.4
Murton ..	7	100.0	—	—	—	—	—	—
Peterlee ..	7	63.6	2	18.2	2	18.2	—	—
Seaham ..	1	50.0	—	—	—	—	1	50.0
South Hetton	2	100.0	—	—	—	—	—	—
Station Town	—	—	2	100.0	—	—	—	—
Thornley ..	5	71.5	2	28.5	—	—	—	—
Wheatley Hill	4	57.2	—	—	2	28.6	1	14.2
Wingate ..	5	100.0	—	—	—	—	—	—
Totals ..	52	72.4	8	11.4	5	6.4	7	9.8

Total Methylene Blue Samples 72

MILK SAMPLING.

109 samples of raw and heat treated milk were taken for examination during 1972, with the following results:—

	No. of Samples Taken	Methylene Blue Test			Phosphatase Test			Turbidity Test		
		Satisfactory	Unsatisfactory	% Unsatisfactory	Satisfactory	Unsatisfactory	% Unsatisfactory	Satisfactory	Unsatisfactory	% Unsatisfactory
Untreated Milk	3	2	1	33.3%	—	—	—	—	—	—
Pasteurised Milk	86	68	18	20.9%	86	—	—	—	—	—
Sterilised Milk	20	—	—	—	—	—	—	20	—	—
Ultra-heat Treated Milk	—	—	—	—	—	—	—	—	—	—

Carcases, Organs and Offal condemned as being unfit for Human Consumption during the year 1972.

	Carcases, etc.				Lungs (Sets)			Hearts			Kidneys			Livers			Heads and Tongues			Sets Stomachs and Intestines			Fat			Udders			Spleen			Plucks		
	Beef	Veal	Mutton	Pork	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Cow	Ewe	Sow	Ox	Sheep	Pig	Ox	Sheep	Pig
Abscesses					3									132	1		1																	
Actinobacillosis																	5																	
Actinomycosis																	2																	
Arthritis				1																														
Bruising & Injury	1																																	
Cirrhosis														70 + 72 Part Livers		69																		
Corynebacterium																			1															
Cysticercus Bovis	1							4									5																	
Degeneration															1																			
Distomatosis															374																			
Emaciation			3																															
Immaturity		1																																
Insufficient Bleeding			1																															
Nephritis											2																							
Oedema			5																															
Parasites																5																		
Pericarditis								5		9																								
Pleurisy					4																													
Pneumonia			1		4	27	55																									11	11	
Pyæmia				7																														
Pyrexia			1	1																														
Septic Conditions	1			1																														
Splenitis																															1			
Telangiectasis														5																				
Tuberculosis					1															4														

MEAT SURRENDERED FOR OTHER REASONS

	sts.	lbs.
Beef	55	6
Mutton	22	11
Pork	1	1

MILK SUPPLY—SUPERVISION

Regular inspections of dairies have been carried out by the public health inspectors and any infringements of the Regulations have been reported to those concerned.

Milk samples submitted for examination during the year totalled 109 consisting of 3 samples of raw milk which were tested for keeping quality and cleanliness, and 106 samples of pasteurised and sterilised which were subjected to additional tests designed to establish the efficiency of heat treatment.

During the course of the year 156 inspections of distributors' premises were made.

HOUSING, SEWERAGE, PUBLIC CLEANSING, ETC.

(CONTRIBUTED BY THE ENGINEER & SURVEYOR)

REFUSE COLLECTION

The work of the department has been carried out most satisfactorily during the year with all areas of the district having received a collection frequency of once per week. In addition to waste collections, the majority of trade premises have also received a once weekly collection of waste paper salvage. The total number of collections made during the year from houses, other dwellings and buildings in the district has exceeded 1,600,000.

Every effort has been made to give immediate attention to any complaints or requests received.

DISPOSAL AREAS

All refuse collected from the district has been disposed of at Wheatley Hill Refuse Tip in accordance with controlled tipping methods. No tip fires of any significance have been experienced during the year.

ROAD CLEANSING

A regular cleansing frequency has been given to all adopted roads and road gullies within the district. Immediate attention has been given to any roads where flooding has occurred.

PUBLIC CONVENIENCES

Daily cleansing of all conveniences in the district has been carried out and all 'bus shelters received regular attention by the department.

TRADE REFUSE

Trade refuse was collected during normal rounds and annual accounts submitted. A charge of £2.00 per annum per bin was charged for the collection service.

SALVAGE

A total of 662.29 tons of waste paper, fibreboard, etc., was collected and sold to Thames Board Mills Limited, the revenue from which amounted to £7,942.66.

DUSTBINS

During the year, 297 private dustbins were sold and 509 were issued to Council house tenants.

VEHICLES

During the year a radio communication system has been installed in a total of 21 vehicles; these include sewers foreman and blockage crew, cleansing foremen, housing maintenance foremen invalid 'bus, and certain cleansing and workshop vehicles, transmission control being effected from both the Council Offices and the Engineering workshops. This Communications system is now proving invaluable to the operation of the department's various functions.

COUNCIL HOUSE MAINTENANCE

Repairs to Council houses is continuing under the Planned Maintenance Scheme and approximately one third of the Council's houses were repaired during the year. Emergency repairs were also carried out as and when required.

IMPROVEMENT PROGRAMMES

Work continued on the completion of the 52 Bridge Road type bungalows and the 366 B.I.S.F. houses. In addition, 26 aged persons bungalows at South Hetton and Shotton were improved. Work commenced on large scale improvements to take advantage of the 75% Government Grant available.

COUNCIL HOUSE DEVELOPMENT

The construction of new houses to accommodate families from slum clearance areas in the Council's district continued throughout the year and a total of 159 houses have been completed and occupied.

The total now owned by the Authority at 31st December, 1972, is 8,830.

'BUS SHELTERS

During the past year 16 additional 'bus shelters were erected throughout the District bringing the total to 256.

PUBLIC CONVENIENCES

Persistent vandalism has continued in public conveniences throughout the Area, resulting in a considerable number of repairs having to be carried out. In two buildings the damage was such that it was decided to close them for a period of three months.

SEWERAGE AND DRAINAGE

General maintenance on all the Council's public sewers was carried out during the year when approximately 1,000 stoppages were attended to.

Dalton-le-Dale. The scheme of relaying 24" diameter sewer through Dalton-le-Dale as outlined in my Annual Report 1970 has now been completed and the work of deepening and regrading the stream has also been satisfactorily completed.

Murton. The scheme to abandon the old Pumping Station at Murton Bakery and replace by a gravity main sewer 12" and 15" diameter — 2,060 metres, has been satisfactorily completed.

Haswell. The relaying of the Haswell to the Sea sewer through Pesspool Wood was satisfactorily completed by Harbour & General Limited. This work was due to a back fall on the existing sewer and general subsidence.

Wingate. A system of flow recorders has been set up at Wingate to monitor sewerage flows in the area. This investigation has become necessary due to flooding in times of storms in various parts of the village.



William Barlow & Son, Ltd.,
Hartlepool and London
